AMENDMENTS

In the Claims

- 1. (withdrawn) A composition for inducing the expression of phase II enzyme comprising a lipid-soluble *Echinacea* extract.
- 2. (withdrawn) The composition of claim 1 further comprising a pharmaceutically acceptable carrier.
- 3. (withdrawn) The composition of claim 1 wherein the *Echinacea* extract is extracted from *Echinacea* roots.
- 4. (withdrawn) The composition of claim 3 wherein the lipid-soluble *Echinacea* extract further comprises a chloroform soluble *Echinacea* extract.
- 5. (withdrawn) The composition of claim 1 wherein the *Echinacea* extract is extracted from *Echinacea* aerial parts.
- 6. (withdrawn) The composition of claim 5 wherein the lipid-soluble *Echinacea* extract further comprises a chloroform soluble *Echinacea* extract.
- 7. (currently amended) A method of inducing the expression of a phase II enzyme <u>in a subject</u> comprising administering <u>to the subject</u> a chloroform-soluble *Echinacea purpurea* [extract] <u>fraction selected from the group consisting of: a chloroform root fraction and an acidic chloroform aerial fraction.</u>
- 8. (canceled)
- 9. (canceled)
- 10. (canceled)
- 11. (canceled)
- 12. (withdrawn) A composition for inducing the expression of quinone reductase comprising a lipid-soluble *Echinacea* extract.
- 13. (withdrawn) The composition of claim12 wherein the *Echinacea* extract is extracted from *Echinacea* aerial parts.
- 14. (withdrawn) The composition of claim 12 wherein the *Echinacea* extract is extracted from *Echinacea* roots.
- 15. (withdrawn) A method of producing lipid-soluble solids of harvested *Echinacea* plant material, the method comprising:
 - a) chopping the *Echinacea* plant material to produce a chopped plant material;

- b) dehydrating the chopped plant material to produce a dehydrated plant material;
- c) contacting the blended plant material with methanol to produce a methanol extraction solution;
- d) drying the methanol extraction solution to produce a dried methanol extract;
- e) combining at least a portion of the dried methanol extract with water to produce an aqueous suspension;
- f) fractionating the aqueous suspension with petroleum ether to provide a petroleum ether fractionated aqueous layer and an organic petroleum ether layer;
- g) fractionating the petroleum ether fractionated aqueous l;ayer with chloroform to provide a chloroform fractionated aqueous layer and an organic chloroform layter chloroform;
- h) collecting the organic chloroform layer; and,
- i) drying the organic chloroform layer to provide a chloroform fraction powder.
- 16. (withdrawn) The method of claim 15 further comprising:
 - a) adjusting the pH of the chloroform fractionated aqueous layer to about pH 2 to provide a pH-adjusted chloroform fractionated aqueous layer;
 - b) fractionating the pH-adjusted chloroform fractionated aqueous layer with chloroform to provide an acidic chloroform fractionated aqueous layer and an acidic organic chloroform layer;
 - c) collecting the acidic organic chloroform layer; and,
 - d) drying the acidic organic layer chloroform fraction to provide an acidic chloroform fraction powder.
- 17. (canceled)
- 18. (currently amended) The method of claim 7 wherein the chloroform-soluble *Echinacea* [extract] fraction is an effective amount to induce phase II enzyme expression
- 19. (currently amended) The method of claim 7 wherein the chloroform-soluble *Echinacea* [extract] <u>fraction</u> is about 0.09 mg/ml.
- 20. (currently amended) The method of claim [8] 18 wherein the phase II enzyme has a quinone reductase activity of about 1.86 at 610 nm.